

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1-8. (Canceled).

9. (Currently Amended) A communication system comprising:

an access router that communicates with a communication terminal apparatus and transmits a first care-of address and a second care-of address to the communication terminal apparatus;

a mobility anchor point that issues the two care-of addresses of the first care-of address and the second care-of address, which is effective in adjacent cells across a boundary of a first mobile anchor point and a second mobile anchor point, the care-of address to the communication terminal apparatus that is connected to and communicates with the access router, and issues to the communication terminal apparatus communicating with the access routers in the adjacent cells router of one of cells on either side of a boundary of two mobility anchor points, the same care-of address that is effective in the cells on either side of the boundary;

a home agent that stores the first care-of address and the second care-of address in association with and a home address in association with each other for the each communication terminal apparatus, and transmits data that is transmitted to the home address of the communication terminal apparatus, to a destination indicated by the first care-of address and the second care-of address; and

a network that connects the mobility anchor point and the access router, and transmits the first care-of address and the second care-of address to the home agent ~~to which the communication terminal apparatus belongs~~.

10. (Currently Amended) The communication system according to claim 9, wherein the mobility anchor point makes variable the number of the adjacent cells in which the second care-of address is effective ~~cells on either side of the boundary, to which the same care-of address is issued~~.

11. (Currently Amended) The communication system according to claim 10, wherein the mobility anchor point detects the moving speed of the a communication terminal apparatus, and, when communicating with the a communication terminal apparatus moving at high speed, makes the number of the adjacent cells on either side of the boundary larger than in a case of communicating with the a communication terminal apparatus moving at low speed.

12. (Currently Amended) A communication method comprising:  
at an access router:  
communicating with a communication terminal apparatus and transmitting a first care-of address and a second care-of address to the communication terminal apparatus;  
at a mobility anchor point:  
issuing the two care-of addresses of the first care-of address and the second care-of address, which is effective in adjacent cells across a boundary of a first mobile anchor point and a

~~second mobile anchor point, the care-of address to the communication terminal apparatus that is connected to and communicates with the access router, and issuing to the communication terminal apparatus that communicates communicating with the access routers in the adjacent cells~~ router of one of cells on either side of a boundary of two mobility anchor points, the same care of address that is effective in the cells on either side of the boundary;

at a home agent:

storing the first care-of address and the second care-of address in association with care-of address and a home address in association with each other for the each communication terminal apparatus and transmitting data that is transmitted to the home address of the communication terminal apparatus, to a destination indicated by the first care-of address and the second care-of address; and

at a network:

connecting the mobility anchor point and the access router, and transmitting the first care-of address and the second care-of address to the home agent ~~to which the communication terminal apparatus belongs~~.

13. (Currently Amended) The communication method according to claim 12, wherein the number of the adjacent cells in which the second care-of address is effective on either side of the boundary, to which the same care of address is issued, is made variable.

14. (Currently Amended) The communication method according to claim 13, wherein the moving speed of the a communication terminal apparatus is detected, and, when

communicating with the a communication terminal apparatus moving at high speed, the number of the adjacent cells on either side of the boundary is made larger than in a case of communicating with the a communication terminal apparatus moving at low speed.